## DINNIN & DUNN, P.C.

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KURT L. VANVOORHIES, PH.D., P.E. (REGISTERED PATENT AGENT)

To: <u>Group 2812</u>

<u>703-872-9306</u>

2 January 2004

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#### In re Application of:

James P. Ebling et al.

Group: 2812

Serial No.: 10/604,716

Examiner:

Filed: August 12, 2003

Attorney Docket No.: 5701-00298

For: MULTI-BEAM ANTENNA/

### Facsimile Contents:

- 1. Transmittal Form 1 page
- 2. INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. §§ 1.97(b)(3) and 1.98(d)(1) 2
- 3. **FORM PTO-1449** 6 pages;
- 4. INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. §§ 1.97(b)(3) 2 pages;
- 5. FORM PTO-1449 1 page;
- **6.** Certificate of Mailing (on items 1, 2 and 4).

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This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to 12 minutes to complete, including gethering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313–1450, DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313–1450.

Attorney Docket No: 5701-00298

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE In re Application of:

James P. Ebling et al.

Serial No.: 10/604,716

Filed: August 12, 2003

For: MULTI-BEAM ANTENNA/

Group: 2812

Examiner:

Attorney Docket No.: 5701-00298

# INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. §§ 1.97(b)(3) and 1.98(d)(1)

2 January 2004

Mail Stop DD Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Dear Sir:

Applicant submits this Statement in accordance with the duty of disclosure under 37 C.F.R. §1.56 and §\$1.97-1.98, and more particularly in accordance with 37 C.F.R. §1.97(b)(3), i.e., filing the statement before the mailing date of a first Office action on the merits.

Identification of Prior Application in Which Listed Information Was Already Cited and for Which No Copies Are Submitted or Need Be Submitted Under 37 C.F.R. §1.98(d)(1)

This application relies, under 35 U.S.C. § 120, on the earlier filing date of prior application Serial No. 10/202,242, filed on July 23, 2002, now U.S. Patent No. 6,606,077.

Enclosed herewith is the List of References Cited by Applicant (PTO-1449). These references were submitted to, and/or cited by, the Office in the prior applications and, therefore, are not required to be provided in this application.

CERTIFICATE OF MAILING/TRANSMISSION (37 C.F.R. section 1.8(a))

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Kurt L. VanVoorhies

(type or print name of person certifying)

Date: 2 January 2004

Attorney Docket No: 5701-00298

As all the references listed on attached Form PTO-1449 are in English, under 37 C.F.R. §1.98(a)(3), no further commentary is believed to be necessary. Applicant respectfully solicits the Examiner's consideration of the cited references and entry thereof into the record of this application.

Applicant, by submitting this Information Disclosure Statement, is attempting to fully comply with the duty of candor and good faith mandated by 37 C.F.R. §1.56. As such, this Information Disclosure Statement is not intended to constitute an admission that any of the enclosed references, or other information referred to therein, is otherwise "material to patentability," as that term is defined in that section.

Dinnin & Dunn, P.C. 2701 Cambridge Court, Suite 500 Auburn Hills, MI 48326 5701-00298 4 January 2004

Enclosure

Respectfully submitted,

Kurt L. VanVoorhies Registration No. 38,643

Phone:

248-364-2100

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	AA	3,761,936	9/25/1973	Archer et al.	343	754		
	AB	3,972,043	7/27/1976	Locus	343	756		
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	AK	5,204,686	4/20/1993	Petrelis et al.	342	374		
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	AR	G. Bekefi, and G. W. Fara vol. 34, pp. 790-803, 195		ous dielectric sphere as a mi	i-crowave lens,"	Canadian Journ	al of Physics,	
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	CA	5,894,288	4/13/1999	Lee et al.	343	770			
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	CC	5,926,134	7/20/1999	Pons et al.	342	368			
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	ES	I. Gresham, N. Jain, T. Budka, A. Alexanian, N. Kinayman, B. Ziegner, S. Brown, and P. Staecker, "A compact manufactureable 76-77-GHz radar module for commercial ACC applications," IEEE Trans. on Microwave Theory and						and
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Attorney Docket No: 5701-00298

**PATENT** 

# IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

James P. Ebling et al.

Group: 2812

Serial No.: 10/604,716

Examiner:

Filed: August 12, 2003

Attorney Docket No.: 5701-00298

For: MULTI-BEAM ANTENNA

## INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. §§ 1.97(b)(3)

2 January 2004

Mail Stop DD Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Dear Sir:

Applicant submits this Statement in accordance with the duty of disclosure under 37 C.F.R. §1.56 and §§1.97-1.98, and more particularly in accordance with 37 C.F.R. §1.97(b)(3), i.e., filing the statement before the mailing date of a first Office action on the merits. Enclosed herewith is the List of References Cited by Applicant (PTO-1449). As the instant application was filed after June 30, 2003, in accordance with the OG Notice of 05 August 2003, copies of the cited U.S. patents cited therein are not submitted herewith.

As all the references listed on attached Form PTO-1449 are in English, under 37 C.F.R. §1.98(a)(3), no further commentary is believed to be necessary. Applicant respectfully solicits the Examiner's consideration of the cited references and entry thereof into the record of this application.

#### CERTIFICATE OF MAILING/TRANSMISSION (37 C.F.R. section 1.8(a))

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Kurt L. Van Voorhies

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Applicant, by submitting this Information Disclosure Statement, is attempting to fully comply with the duty of candor and good faith mandated by 37 C.F.R. §1.56. As such, this Information Disclosure Statement is not intended to constitute an admission that any of the enclosed references, or other information referred to therein, is otherwise "material to patentability," as that term is defined in that section.

Dinnin & Dunn, P.C. 2701 Cambridge Court, Suite 500 Auburn Hills, MI 48326 5701-00298 4 January 2004

Enclosure '

Respectfully submitted,

Kurt L. VanVoorhies Registration No. 38,643

Phone: 248-364-2100 Facsimile:

248-364-2200

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SERIAL NO. Based on Form PTO-1449 ATTY, DOCKET NO. Page 1 (3/90)10/604,716 5701-00298 APPLICANT James P. Ebling et al. FILING DATE January 2, 2004 August 12, 2003 U. S. PATENT DOCUMENTS DOCUMENT NUMBER **EXAMINER** DATE NAME CLASS SUBCLASS FILING DATE IF INITIAL APPLICABLE 3,683,379 8/8/1972 Saddler et al. 7 ED 343 AA 5,264,859 11/23/1993 Lee et al. 754 343 AB 5/17/1994 5,313,213 Neumann et al. 165 342 AC 5,446,470 8/29/1995 | Avingnon et al. 343 713 AD 343 5,963,172 Pfizenmaier et al. 721 10/5/1999 AE 6,606,077 8/12/2003 Ebling et al. 343 911L AF AG AH AJ FOREIGN PATENT DOCUMENTS DOCUMENT NUMBER PATE COUNTRY CLASS SUBCLASS TRANSLATION Yes AL AM AN AO AP OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.) AR A\$ AT DATE CONSIDERED EXAMINER

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